

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:	)	Group Art Unit: 2824
Shunpei YAMAZAKI et al.	)	Examiner: B. Owens
Based on Serial No. 10/056,108	)	
Filed: January 28, 2002	)	
For: PROCESS FOR PRODUCING A	)	
PHOTOELECTRIC CONVERSION	)	
DEVICE	)	

**INFORMATION DISCLOSURE STATEMENT**

Honorable Commissioner of Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


Sir:

In accordance with the provisions of 37 C.F.R. 1.56 and 37 C.F.R. 1.97-1.99, Applicant submits herewith a Form PTO-1449 listing references known to Applicant and requests that these references be made of record in the above identified application.

U.S. Patent Nos. 5,614,426 and 5,696,388 are listed in the patent family of JP 07-058338.

The references listed on the attached Form PTO-1449 were cited in parent application Serial No. 10/056,108 and copies of the references can be found in that application.

Respectfully submitted,

  
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Substitute for form 1449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	Based on 10/056,108
				Filing Date	January 28, 2002
				First Named Inventor	Shunpei YAMAZAKI et al.
				Group Art Unit	2824
				Examiner Name	Beth E. Owens
Sheet	1	of	3	Attorney Docket Number	0756-7227

U.S. PATENT DOCUMENTS						
Examiner Initials <sup>1</sup>	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,614,426		Funada et al.	03/25/97	
		5,696,388		Funada et al.	12/09/97	
		2002/0134981		Nakamura et al.	09/26/02	
		2002/0151120		Yamazaki et al.	10/17/02	
		2002/0182783		Takayama et al.	12/05/02	
		5,700,333		Yamazaki et al.	12/23/97	
		6,303,963		Ohtani et al.	10/16/01	
		6,307,214		Ohtani et al.	10/23/01	
		6,316,789		Yamazaki et al.	11/13/01	
		6,316,810		Yamazaki et al.	11/13/01	
		2002/0115271		Yamazaki et al.	08/22/02	
		2002/0125480		Nakamura et al.	09/12/02	
		6,133,075		Yamazaki et al.	10/17/00	
		6,133,119		Yamazaki	10/17/00	
		6,153,445		Yamazaki et al.	11/28/00	
		6,156,590		Yamazaki et al.	12/05/00	
		6,156,628		Ohnuma et al.	12/05/00	
		6,160,268		Yamazaki	12/12/00	
		6,162,704		Yamazaki et al.	12/19/00	
		6,165,824		Takano et al.	12/26/00	
		6,168,980		Yamazaki et al.	01/02/01	
		6,184,559		Hayakawa et al.	02/06/01	
		6,194,255		Hiroki et al.	02/27/01	
		6,197,624		Yamazaki	03/06/01	

FOREIGN PATENT DOCUMENTS								
Examiner Initials <sup>2</sup>	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
		JP	07-058338		Funada et al.	03/03/95		Abst.

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Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form I449A/PTO				<b>Complete if Known</b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> <i>(use as many sheets as necessary)</i>				Application Number	Based on 10/056,108
				Filing Date	January 28, 2002
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		6,201,585		Takano et al.	03/13/01	
		6,204,101		Yamazaki et al.	03/20/01	
		6,204,154		Zhang et al.	03/20/01	
		6,207,969		Yamazaki	03/27/01	
		6,218,219		Yamazaki et al.	04/17/01	
		6,225,152		Yamazaki et al.	05/01/01	
		6,232,205		Ohtani	05/15/01	
		6,232,621		Yamazaki et al.	05/15/01	
		6,242,290		Nakajima et al.	06/05/01	
		6,251,712		Tanaka et al.	06/26/01	
		6,287,900		Yamazaki et al.	09/11/01	
		6,291,275		Yamazaki et al.	09/18/01	
		6,294,441		Yamazaki	09/25/01	
		6,300,659		Zhang et al.	10/09/01	
		6,303,415		Yamazaki	10/16/01	
		5,529,937		Zhang et al.	06/25/96	
		5,608,232		Yamazaki et al.	03/04/97	
		5,639,698		Yamazaki et al.	06/17/97	
		5,773,327		Yamazaki et al.	06/30/98	
		5,789,284		Yamazaki et al.	08/04/98	
		5,814,540		Takemura et al.	09/29/98	
		5,869,363		Yamazaki et al.	02/09/99	

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		JP	05-109737		04/30/93	Full

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		5,888,858		Yamazaki et al.	03/30/99	
		5,893,730		Yamazaki et al.	04/13/99	
		5,897,347		Yamazaki et al.	04/27/99	
		5,915,174		Yamazaki et al.	06/22/99	
		5,949,115		Yamazaki et al.	09/07/99	
		5,956,579		Yamazaki et al.	09/21/99	
		5,961,743		Yamazaki et al.	10/05/99	
		5,977,559		Zhang et al.	11/02/99	
		5,985,740		Yamazaki et al.	11/16/99	
		6,027,987		Yamazaki et al.	02/22/00	
		6,048,758		Yamazaki et al.	04/11/00	
		6,063,654		Ohtani	05/16/00	
		6,066,518		Yamazaki	05/23/00	
		6,071,764		Zhang et al.	06/06/00	
		6,071,766		Yamazaki et al.	06/06/00	
		6,072,193		Ohnuma et al.	06/06/00	
		6,077,731		Yamazaki et al.	06/20/00	
		6,077,758		Zhang et al.	06/20/00	
		6,084,247		Yamazaki et al.	07/04/00	
		6,087,679		Yamazaki et al.	07/11/00	
		6,093,934		Yamazaki et al.	07/25/00	
		6,100,562		Yamazaki et al.	08/08/00	
		6,111,557		Koyama et al.	08/29/00	
		6,121,660		Yamazaki et al.	09/19/00	
		6,133,073		Yamazaki et al.	10/17/00	
		5,837,569		Makita et al.	11/17/98	
		2002/0164843		Yamazaki et al.	11/07/02	

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